

AVIATION WEATHER SERVICES

Advisory Circular,
AC 00-45F, Revision 1



U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION



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SUMMARY OF CHANGES

SECTION	CHANGE(S)
Cover	Specified that this is AC 00-45F, Revision 1
Summary of Changes	This is a new section of the AC 00-45.
Foreword	National Weather Service mailing address was updated.
6	Major changes to structure and content of sections 6.1 and 6.2 were made due to updated National Weather Service Instruction 10-811 . These changes also affected the numbering of figures and tables throughout section 6.
7	Major changes to structure and content of section 7.1 were made due to updated National Weather Service Instruction 10-811 . These changes also affected the numbering of figures and tables throughout section 7.
8	Updated the issuance times of the Mid Level SIGWX Charts (table 8-6) and High-Level SIGWX Charts (table 8-7)

FOREWORD

Aviation Weather Services, Advisory Circular 00-45F, is published jointly by the National Weather Service (NWS) and the Federal Aviation Administration (FAA). This publication supplements its companion manual Aviation Weather, Advisory Circular 00-6A, which documents weather theory and its application to the aviation community.

This advisory circular, AC 00-45F, explains U.S. aviation weather products and services. It details the interpretation and application of advisories, coded weather reports, forecasts, observed and prognostic weather charts, and radar and satellite imagery. Product examples and explanations are taken primarily from the Aviation Weather Center's Aviation Digital Data Service website (<http://adds.aviationweather.noaa.gov/>).

The AC 00-45F was written primarily by Robert A. Prentice and Douglas D. Streu, and edited by Cynthia Abelman and Tom Dulong. Stan Roberts (AFS-600) was the reviewer for the FAA. Additional contributors include Raymond Tanabe, Larry Burch, Duane Carpenter, Kathleen Schlachter, Lisa Glikbarg, Celia Miner, Jon Osterberg, Ronald Olson and Richard Akers.

An on-line version of this document, which includes links to additional information, can be found at:

<http://www.srh.noaa.gov/faa/>

Comments and suggestions for improving this publication are encouraged and should be directed to:

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